

updating charging information on the basis of said generated individual metadata; and
transmitting said contents data and said individual metadata via said network to said

other apparatus.--

REMARKS

Favorable reconsideration of the application is respectfully requested in light of the amendments and remarks herein.

Claims 1-8 were pending in this application. By the present Amendment, Claims 1, 4 and 6-8 are amended and Claims 9-17 are added. In addition, the specification is amended to correct typographical errors. Further, a proposed drawing change accompanies this Amendment to designate the subject matter of Figs. 1 and 2 as prior art.

Claims 1, 2 and 5-7 were rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,351,745 ("Itakura"). Claims 3, 4 and 8 were rejected under 35 U.S.C. 103(a) over Itakura in view of U.S. Patent No. 5,027,400 ("Baji"). Applicant submits that all claims in this application, at least in the form presented herein, are patentably distinguishable from the cited references for at least the following reasons:

Considering Claim 1, for instance, it is contended that Itakura does not disclose or suggest an information processing apparatus that includes the claimed first registration means, second registration means, storage means, extraction means, generation means and,

"transmission means for transmitting said contents data and said individual data generated by said generation means via said network to said other apparatus, to enable said contents data, said additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus." (emphasis added)

The Office Action cited col. 8, lines 1-11 and col. 5, lines 61-66 of Itakura for disclosing the claimed "first registration means for registering additional information regarding said contents data." As best understood, the Examiner's position is that a "message" of Itakura's system would meet the claimed contents data, and that a URL or the like of the message would meet the claimed "additional information." Further, the Examiner relies upon item S414 of fig. 17 (registering of client preferences) and col. 10, lines 48-58 as meeting the claimed "second registration means for registering individual additional information of said contents data on the basis of said contents data and said additional information registered by said first registration means."

With the Examiner's interpretation as noted above, it is readily apparent that contrary to amended Claim 1, Itakura does not disclose or suggest the concept of contents data, additional information and individual additional information simultaneously displayed on a display screen at the apparatus to which this these data and information are transmitted. Merely by way of example to illustrate this concept, the Examiner is referred to the Applicant's Fig. 19 which illustrates a contents display 81, additional information display region 84 and individual additional information display region 83. Of course, the present invention is by no means limited to the embodiments disclosed in the specification.

As best understood by Applicant's representative, Itakura's "message" is an advertisement banner within a Web page that is a hyperlink to an advertiser's Web site. If the message is considered "contents data," as the Office Action appears to assert, it is clearly not displayed simultaneously with the "additional information" which the Examiner asserts is the "location of the data requested," i.e., the Web address of the message's advertiser. (As best understood, the Web address is only displayed after the message is "clicked" on.) Further,

Itakura's "individual additional information" is not disclosed to be displayed along with the "message." Accordingly, with the Examiner's construction of the various elements of Itakura vis-à-vis the Applicant's claimed first and second registration means, it is manifest that Itakura does not disclose the above-emphasized features of Applicant's amended Claim 1. Nor does Baji cure the deficiencies of Itakura with respect to these features.

Accordingly, in light of the above differences, the invention of Claim 1 is neither anticipated nor rendered obvious by Itakura or Itakura in view of Baji.

Independent Claims 6, 7, 8 and 16 are patentable over the cited references for at least the same reasons just discussed concerning analogous features of Claim 1.

New independent Claim 17 is believed to be patentably distinguishable from Itakura and Baji. It is submitted that any proper combination of Itakura and Baji would not result in an information processing method for delivering contents data via a network to other apparatus that includes the steps of:

 "analyzing a delivery request received from said other apparatus;

 extracting general purpose additional information of said contents data and individual additional information in accordance with said analysis of said analyzing step, wherein the individual additional information is extracted on the basis of user information comprising at least one of user usage status and user usage classification;

 generating individual metadata from said additional data and said extracted individual additional information;

 updating charging information on the basis of said generated individual metadata;
and

 transmitting said contents data and said individual metadata via said network to said other apparatus."

For instance, there is no mention in Itakura or Baji of generating individual metadata from additional data and extracted individual additional information. Thus, any proper combination of these references would not result in the invention of Claim 17 on at least this basis alone.

The remaining claims in this application are patentable based at least upon their respective dependencies from the above-noted independent claims.

In addition, by way of example, Claims 3, 10, 12 and 14 each relate to the feature of registering respective additional information split per segment, scene or object appearing within the contents data. To this end, the Examiner relied upon Baji for teaching transmitting regular programming as well as commercials in a television broadcast and inserting commercial or advertisement scenes, i.e., between the desired contents. However, this aspect of Baji is not applicable to the invention as presently defined in the claims presented herein, in which contents data is displayed simultaneously with the additional information and individual additional information. Accordingly, these claims are further distinguishable from Itakura and Bali.

Further, Claims 9, 11, 13 and 15 each recite that the individual additional information is registered split per object appearing within the contents data. It is submitted that neither Itakura nor Baji disclose or suggest this feature, rendering these claims yet further distinguishable therefrom.

Conclusion

In view of the foregoing, entry of this Amendment, and the allowance of this application with Claims 1-17, is respectfully solicited.

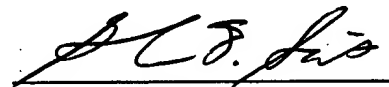
It is submitted that the claims in this application, as originally presented, are patentably distinct over the prior art cited by the examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. 112. Changes to these claims, as presented herein, is not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes are made for clarification and to round out the scope of protection for the invention.

Attached hereto is a marked-up version of the changes made to the claims and specification by the current amendment. The attached page is captioned **"Version With Markings to Show Changes Made."**

In the event that additional cooperation in this case may be helpful to complete its prosecution, the Examiner is cordially invited to contact Applicant's representative at the telephone number written below.

Respectfully submitted,
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The paragraph bridging pages 18 and 19 has been amended as follows:

--In the case of an example in Fig. 12, the contents ID shows the ID No. for identifying the AV contents. The segment No. indicates the No. of a segment. The segmentation refers to a time region or a space region. The start position shows the [stating] starting position of a segment. The end position indicates the ending position of a segment.--

The first full paragraph on page 23 has been amended as follows:

--In step S21, the general purpose additional information registration processing module 31 determines whether or not the overall registration information and the additional information on the AV contents are inputted from the server input unit 1, and waits until the overall registration information and the additional information of the AV contents are inputted. And in step S21, if it is determined that the overall registration information and the additional information of the AV contents are inputted, the processing proceeds to step S22 and the general purpose additional information registration processing module 31 registers or stores the overall registration information and the additional information of the AV contents which are inputted in the processing of step 21 in the contents information region 61 (see Fig. 12) of the additional information master DB 21. At this time, the number of splits or segments when [slitting] splitting the content of the contents data into several intervals in meaning is registered in the contents information region 61.--

The last full paragraph on page 30 has been amended as follows:

--Various types of processing are executed by the CPU (Central Processing Unit) 101 according to the programs stored in a ROM (Read Only Memory) 102 and a storage unit 108. Programs and data necessary for the CPU 101 to carry out various types of processing are stored in a RAM (Random Access Memory) 103 as the occasion may demand. The CPU 101, the ROM 102, and the RAM 103 are mutually connected with one another via bus 104, while, at the same time, being connected with an input/output interface 105. The server input unit 1 comprising a keyboard and a [mouth] mouse, an output module 107 comprising a LCD (Liquid Crystal Display), a CRT (Cathode Ray Tube), speakers or the like, a storage module 108 composed of a hard disk or the like, and a communication module 109 communicating with the Internet 7 are all connected with the input/output interface 105.--

IN THE CLAIMS:

Claims 1, 4 and 6-8 have been amended as follows:

--1. (Amended) An information processing apparatus for delivering contents data via a network to other apparatus comprising:

first registration means for registering additional information regarding said contents data;

second registration means for registering individual additional information of said contents data on the basis of said contents data and said additional information registered by said first registration means;

storage means for storing said additional information registered by said first registration means and said individual additional information registered by said second registration means;

extraction means for extracting said additional information and said individual additional information stored in said storage means [in case of receiving] if a delivery request is received from other apparatus;

generation means for generating individual data to be transmitted to said other apparatus from said additional data and said individual additional information extracted by said extraction means; and

transmission means for transmitting said contents data and said individual data generated by said generation means via said network to said other apparatus, to enable said contents data, said additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus.--

--4. (Amended) The information processing apparatus as defined in claim 3, wherein said second registration means registers respective individual additional information split per segment, scene, or object by said first registration means.--

--6. (Amended) An information processing method for an information processing apparatus for delivering contents data via a network to other apparatus, said method comprising the steps of:

a first registration step of registering additional information regarding said contents data;

a second registration step of registering individual additional information of said contents data on the basis of said contents data and said additional information registered by the processing of said first registration step;

a storage control step of controlling storage of said additional information registered by the processing of said first registration step and said individual additional information registered by the processing of said second registration step;

an extraction step for extracting said additional information and said individual additional information [in case of receiving] if a delivery request is received from said other apparatus;

a generation step of generating the individual data for transmission to said other apparatus from said additional information and said individual additional information which were extracted by the processing of said extraction step; and

a transmission step of transmitting said individual data generated by the processing of said generation step, together with said contents data, via said network to said other apparatus, to enable said contents data, said additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus.--

--7. (Amended) A recording medium wherein a program for controlling an information processing apparatus to deliver contents data via a network to other apparatus is recorded in a computer readable form, said program comprising the processing steps of:

a first registration step of registering additional information regarding said contents data;

a second registration step of registering individual additional information of said contents data on the basis of said contents data and said additional information registered by the processing of said first registration step;

a storage control step of controlling storage of said additional information registered by the processing of said first registration step and said individual additional information registered by the processing of said second registration step;

an extraction step for extracting said additional information and said individual additional information [in case of receiving] if a delivery request is received from said other apparatus;

a generation step of generating the individual data for transmission to said other apparatus from said additional information and said individual additional information which were extracted by the processing of said extraction step; and

a transmission step of transmitting said individual data generated by the processing of said generation step, together with said contents data, via said network to said other apparatus, to enable said contents data, said additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus.--

--8. (Amended) An information processing system having a first information processing apparatus and a second information processing apparatus, wherein:

said first information processing apparatus comprising;

first registration means for registering additional information regarding said contents data;

second registration means for registering individual additional information of said contents data on the basis of said contents data and said additional information registered by said first registration means;

storage means for storing said additional information registered by said first registration means and said individual additional information registered by said second registration means;

extraction means for extracting said additional information and said individual additional information stored in said storage means [in case of receiving] if a delivery request is received from other apparatus;

generation means for generating individual data to be transmitted to said other apparatus from said additional data and said individual additional information extracted by said extraction means; and

transmission means for transmitting said contents data and said individual data generated by said generation means via said network to said other apparatus, to enable said contents data, said additional information and said individual additional information to be simultaneously displayed on a display screen at said other apparatus, and

said second information processing apparatus comprising:

a delivery request means for transmitting information specifying said contents data so as to receive desired said contents data and requesting a delivery of specified contents data to said first information processing apparatus; and

an output means for receiving and integrating said contents data and said individual data supplied from said first information processing apparatus, and outputting integrated data.--